

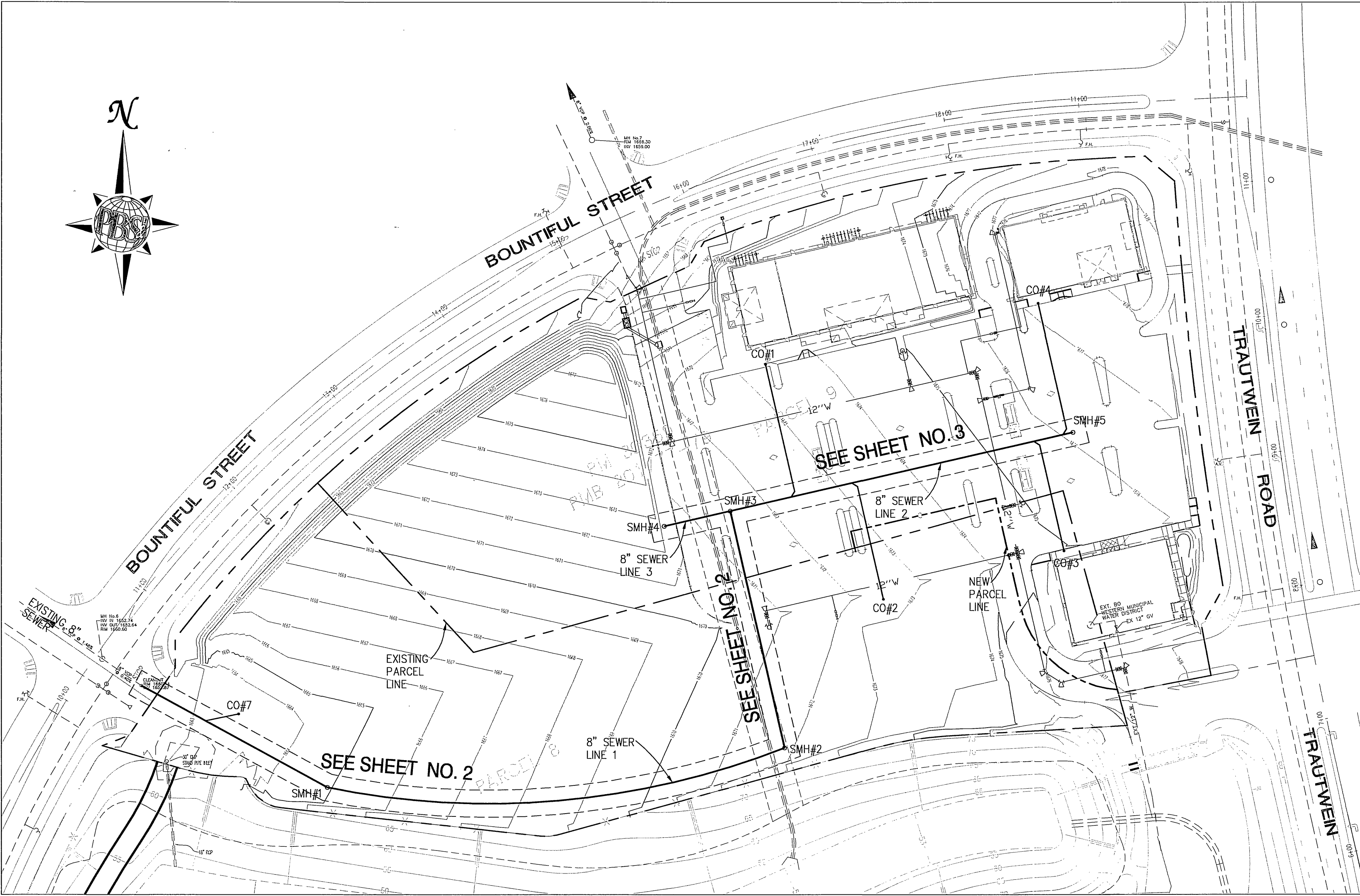
SEWER IMPROVEMENT PLANS

PARCEL MAP No. 30369 Lots 8 - 9

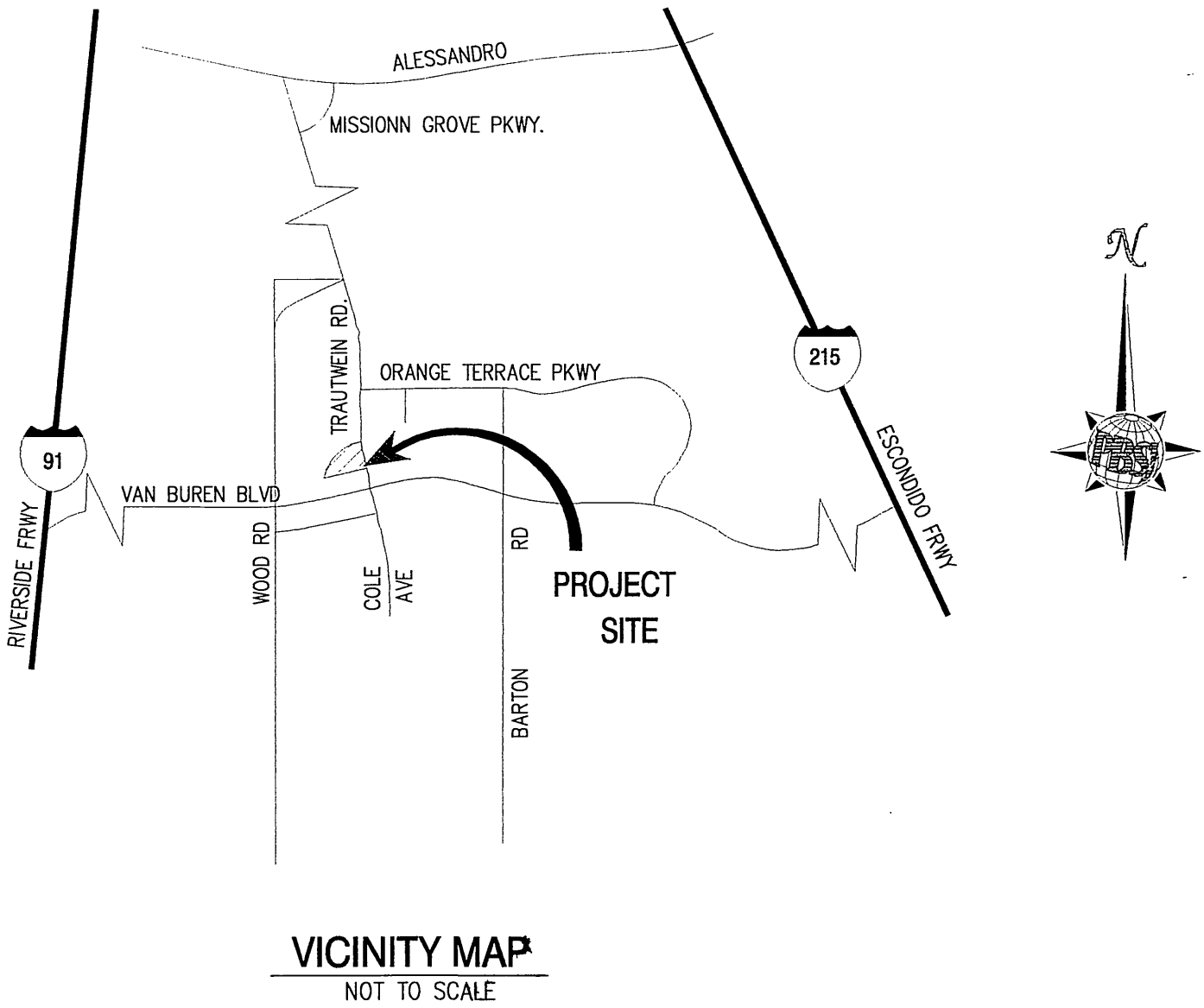
IN THE CITY OF RIVERSIDE

GENERAL NOTES - PUBLIC WORKS

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE #1 -800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
9. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
11. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
12. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
14. PIPE BEDDING SHALL BE CASE I PER CITY STD. DWG. NO. 452 UNLESS OTHERWISE SHOWN ON THE PLANS. IF GROUND WATER IS ENCOUNTERED, BEDDING SHALL BE CASE III IN ACCORDANCE WITH NOTE 2, CITY STD. DWG. NO. 452.
15. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE(1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
16. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.



INDEX MAP
SCALE: 1"=50'



INDEX OF DRAWINGS

DRAWING/SHEET NO.	TITLE
SHEET 1	TITLE SHEET
SHEET 2	SEWER PLAN & PROFILE
SHEET 3	SEWER PLAN & PROFILE

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF TRAUTWEIN ROAD BEING NORTH 13°06'17" WEST AS SHOWN ON TRACT NO. 28863, FILED IN MAP BOOK 276, PAGES 6 TO 10 INCLUSIVE, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

CONSTRUCTION NOTES AND ESTIMATED QUANTITIES

NO.	ITEM	QUANTITY	UNIT
1	CONSTRUCT 8" PVC SDR35 ^{VEP} SEWER MAIN	988	L.F.
2	CONSTRUCT 4" PVC SDR35 SEWER LATERAL	200	L.F.
3	CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DWG. #500	5	EA.
4	CONSTRUCT CLEANOUT PER CITY OF RIVERSIDE STANDARD DWG. #560	4	EA.
5	REMOVE CLEANOUT AND JOIN EXISTING 8" VCP STUB OUT	1	EA.
6	CONSTRUCT 6" PVC SDR35 SEWER LATERAL	181	L.F.
7			
8			
9			
10			

APPROVED BY: WESTERN MUNICIPALWATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE

SHEET 1 THROUGH 3
CIVIL ENGINEER R.C.E. 46212
DATE: 3-16-05



PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

BENCH MARK
RIVERSIDE COUNTY BENCHMARK, STAMPED V68-64 AT S.W. CORNER OF PLUMMER ROAD AND VAN BUREN BLVD. 259.0 FT. SOUTH OF VAN BUREN BLVD. 205.0 FT. WEST OF PLUMMER ROAD, ON THE TOP OF A 4.0 FT. x 10.0 FT. GRANITE BOULDER A BRASS DISK FLUSH AND MARKED.
ELEVATION : 1638.123 FT.



Engineering Planning Surveying Construction Services
PREPARED UNDER THE SUPERVISION OF:
MOHAMAD T. YOUNES RCE 44280
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE 60729 EXP DATE 7/31/05
10370 Hermet st Suite 200 Riverside, CA 92503 Tel: (951) 358-1433 Fax: (951) 358-1434

NO.	REVISIONS:	APPR. DATE:
7		
6		
5		
4		
3		
2		
1		
DESIGNED BY	DRAWN BY	CHECKED BY

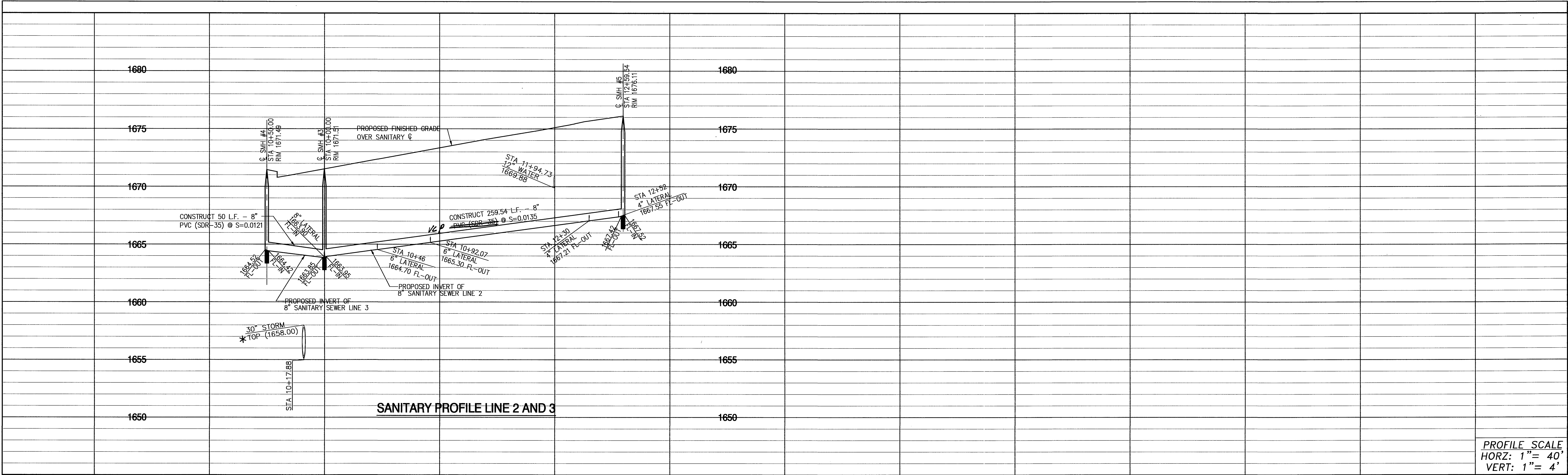
CITY OF RIVERSIDE
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: DATE BY
PRINCIPAL ENGINEER *Younes* *du*
CITY ENGINEER *Alan Byrd*
DATE: 4/15/05

SEWER PLANS
PARCEL MAP No 30369
LOTS 8 - 9
TITLE SHEET

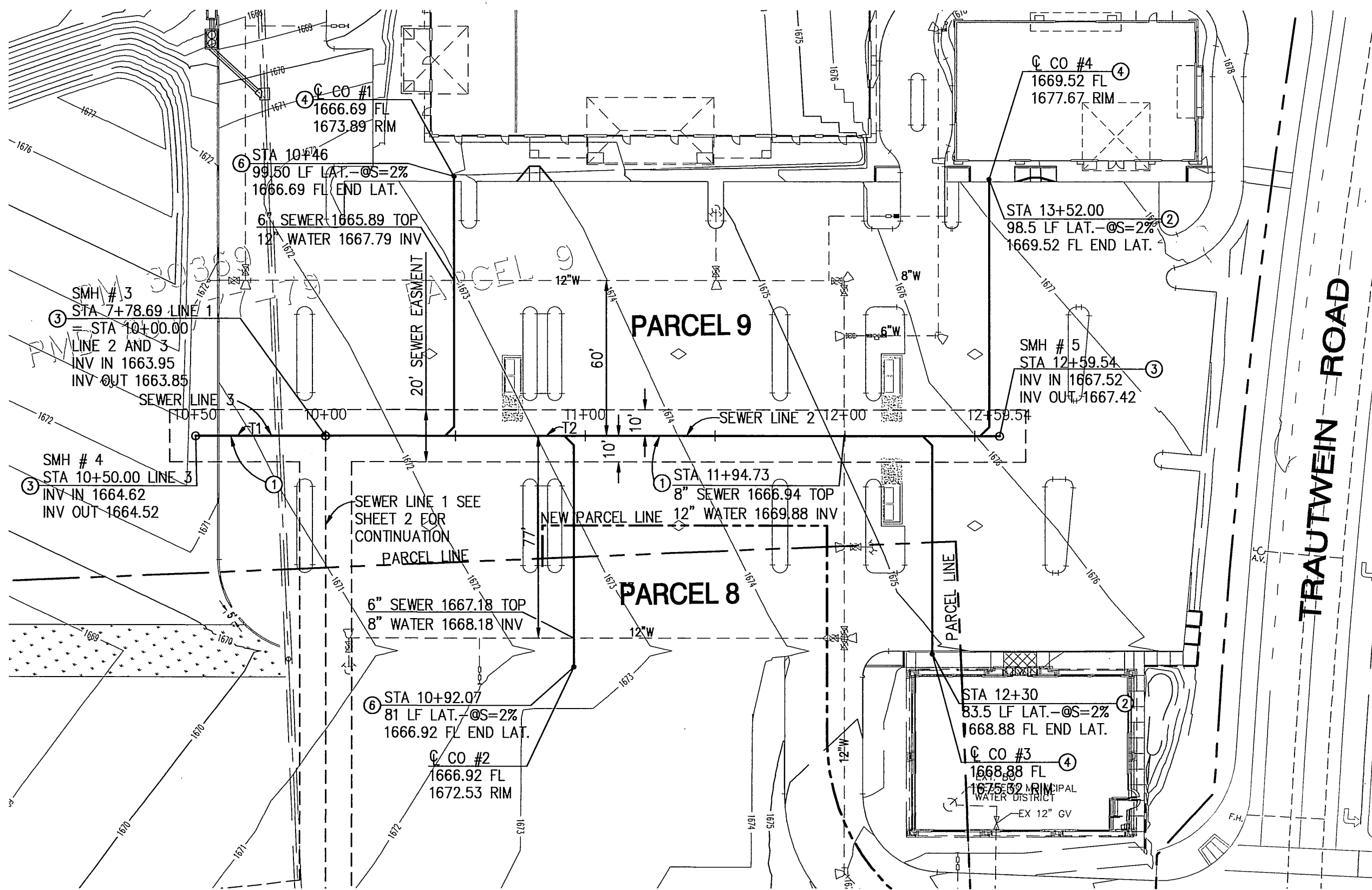
HORIZ. SCALE: VERT. SCALE:

PW04-0993
ACCOUNT NO.....
S - 1894
SHEET NO. 1 OF 3

INDEXED 9-07-05 *YH*



PROFILE SCALE
HORZ: 1"= 40'
VERT: 1"= 4'



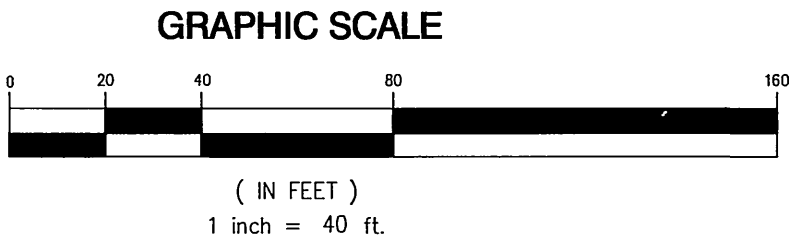
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6. CONSTRUCT 6" PVC SDR35 SEWER LATERAL

* CONTRACTOR IS TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

COURSE DATA		
LINE	BEARING	DISTANCE
T1	N77°05'11"E	50'
T2	N77°05'11"E	259.54'

APPROVED BY: WESTERN MUNICIPALWATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET _____ THROUGH _____
CIVIL ENGINEER R.C.E. 46212
DATE: _____



Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

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10370 Hermet st Suite 200 Riverside, CA 92503 Tel: (951) 358-1433 Fax: (951) 358-1434
PREPARED UNDER THE SUPERVISION OF: MOHAMAD T. YOUNES RCE 44280 DATE: 3/8/05
CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE 60729 EXP DATE 7/31/05

NO.	REVISIONS:	APPR. DATE:
7		
6		
5		
4		
3		
2		
1		
DESIGNED BY	DRAWN BY	CHECKED BY

CITY OF RIVERSIDE
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: _____ DATE: _____ BY: _____
PRINCIPAL ENGINEER
CITY ENGINEER
DATE: 4/15/05

SEWER PLAN & PROFILE
PARCEL MAP No. 30369
LOTS 8 - 9
STA 10+00.00 TO STA 13+09.54
HORIZ. SCALE: 40' VERT. SCALE: 4'

PWO4-0993
ACCOUNT NO.....
S - 1894
SHEET NO. 3 OF 3

INDEXED 9-07-05 LHH